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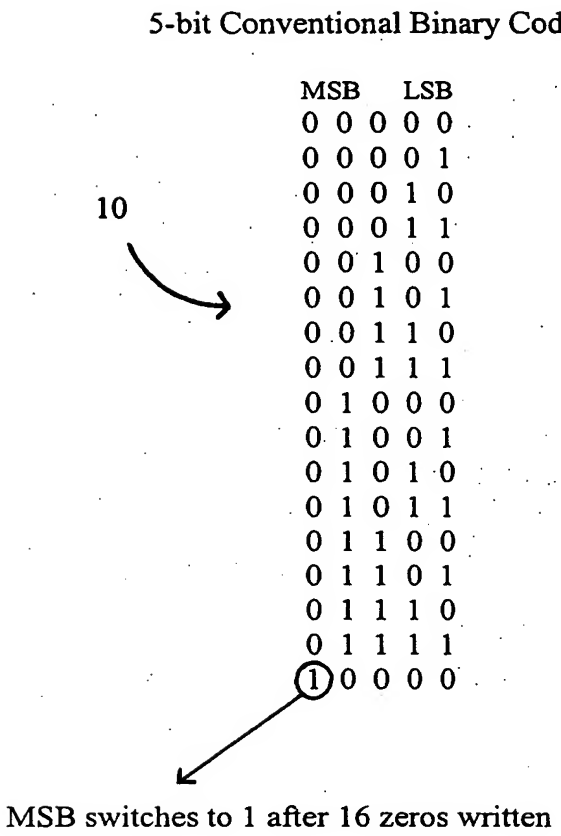

FIG. 1
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Table I. Encoding Table for 4-bit

Number	Encode
0	0000
1	1111
2	0001
3	1110
4	0010
5	1101
6	0011
7	1100
8	0100
9	1011
10	0101
11	1010
12	0110
13	1001
14	0111
15	1000

FIG. 2

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Table II. Encoding Table for 5-bit

Number	Encode
0	00000
1	11111
2	00001
3	11110
4	00010
5	11101
6	00011
7	11100
8	00100
9	11011
10	00101
11	11010
12	00110
13	11001
14	00111
15	11000
16	01000
17	10111
18	01001
19	10110
20	01010
21	10101
22	01011
23	10100
24	01100
25	10011
26	01101
27	10010
28	01110
29	10001
30	01111
31	10000

FIG. 3

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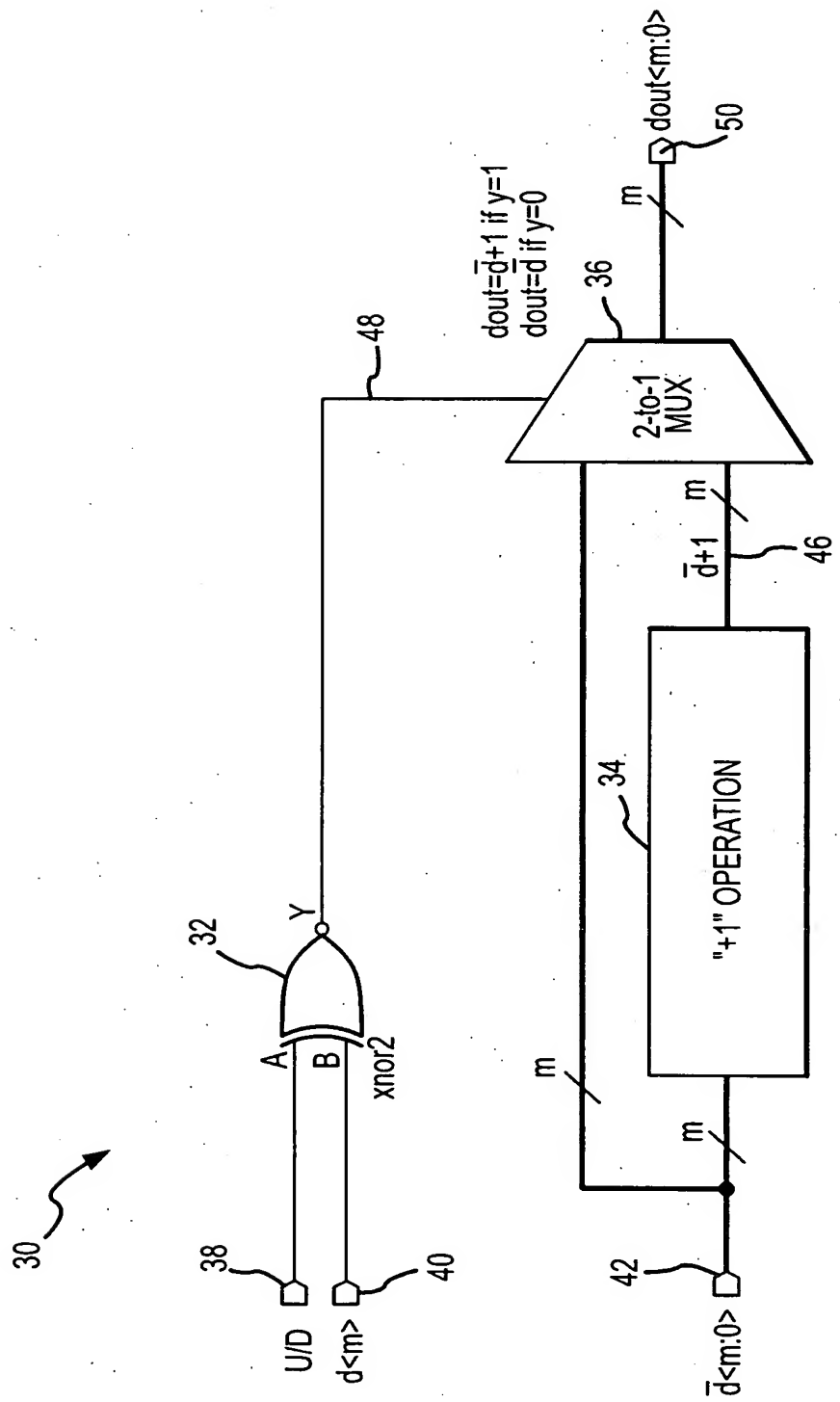

FIG. 4